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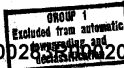
PRIORITY RESEARCH DEPENDENCIES
ON
SINO-SOVIET BLOC AGRICULTURE

CONTROL NO. 1353
22 June 1962

1 Subject Requiring Research	2 Aspects to be Emphasized	3 End-Uses of Research Study or Other Reasons for Priority	4 Title of Research in Process or Planned	5 Recommended Action
Crop Yields in the USSR	a. Historical and Potential Yields b. Irrigation Programs	Contributions to NIE's, NIS's, and Other Intelligence Products	Potential for Increasing Crop Yields in the USSR	ORR Research
Effect of Weather on Crop Yields in the Sino-Soviet Bloc	a. Effect of weather on current crops b. Variations in yields to be expected due to variations in weather c. Elimination of weather effects from yields in recent years in order to determine trends in yields	Contribution to NIE's, NIS's, and Current Intelligence	The Relation of Weather to Yearly Variations of Crop Yields in the Sino-Soviet Bloc (planned)	ORR Research
Potential for Release of Labor from Soviet Agricul- ture	a. Labor force b. Labor available to other sectors c. Labor productivity	Contribution to NIE's, NIS's and other Intelligence Products	None Current	ORR Research USDA Research
Effects of Recent Develop- ments in the USSR Sugar Industry	a. Development of sugar industry up to 1958 b. Planned development 1959-65 c. Raw material base d. Effects of Cuban raw cane sugar imports e. Problems of the sugar industry f. Cost of production g. Foreign trade in sugar	Contributions to NIE's, NIS's and Current Intelligence	The Sugar Industry in the USSR (planned)	ORR Research

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Subject Requiring Research	Aspects to be Emphasized	End-Uses of Research Study or Other Reasons for Priority	Title of Research in Process or Planned	Recommended Action
Effects of Planned Irrigation on the Agricultural Economy of the USSR	a. Crop production b. Livestock production c. Crop specialization d. Input requirements	Contributions to NIE's, NIS's, and Other Intelligence Products	Irrigation and Water Potential in the Soviet Union	ORR Research
The effectiveness of the Chinese Communist regime's efforts to increase agricultural production	a. Irrigation b. Land Utilization c. Evaluation of Chinese agriculture-- present claims and future potential (1) Continuation of land utilization study (2) Evaluation of Chinese claims for agricultural production, with independent estimates where appropriate and feasible (3) Development of an index of agricultural production, regionally if possible (4) Future potential for expansion thru: a) chemical fertilizers b) mechanization c) increasing basic area d) increasing irrigated area (5) Develop set of definitions for various obscure statistical terms d. Climatic factors affecting present and potential agricultural production	a. Contribution to NIE's, NIS's, Current Intelligence b. Ditto c. Ditto (as above)	a. The Effect of Irrigation and Water Conservancy in Communist China on Agricultural Crop Area, Yields and Production b. Agricultural Land Utilization in Communist China c. Evaluation of Chinese Agriculture -- present claims and future potential d. Agricultural Areas Analogous to the Agricultural Regions of Communist China	ORR Research ORR Research and Underway (External Co-ORR Research ORR Research (Processed External Contract)
Agricultural Investment and Financing in European Satellites	a. Allocation of investments for major inputs	Contribution to NIE's, and Other Intelligence Products	None	ORR Research

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	(1)Mechanization (2)Land improvements (3)Chemicals b. Effect of investments (under a) on agricultural production c. System and means of financing investments for agriculture			
Food Processing Industry in European Satellites	Plans and prospects for food industry's contribution to future improvement in the average diet.	Ditto	Limited Research results from NIS contribution to Section 54 Chapter VI, <u>Agricultural Processing Industries</u>	ORR Research
The Effects of Chemical Fertilizers on Crop Production in Selected Bloc Countries	Response of individual crops to the application of chemical fertilizer since World War II	Contribution to NIE's, NIS's and Other Intelligence Products	Evaluation of Current and Planned Use of Mineral fertilizers in Soviet Agriculture	ORR Research USDA Research
Measurement of Agri- cultural Production in the European Satellites	Investigate and choose one methodo- logy for calculating production indexes.	Ditto	None	ORR Research USDA Research
Sino-Soviet Bloc Trade Potential	Competition with U. S. Farm Products in Foreign Markets a. Grains b. Livestock	Ditto	Sino-Soviet Agricultural Trade Outlook	USDA Research
Effects of Common Market on Sino-Soviet Bloc Trade in Agri- cultural Products	a. Possible loss of foreign exchange b. Emphasis on livestock products, grain lumber	Ditto	None	ORR Research

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